**Quiz 3** Solve Quadratic Equations by Factoring

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Directions:** Show all of your work!

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| 1) Find the solution of the functions  a. y = 3x2 – 13x – 10  b. | 2) The expressions  and  are equivalent when b is equal to what value(s)? |
| 3) What is the quadratic equation with the solution set {4, –12}? | 4) |